

Converting Colors

CIELCh(93, 5.703, 182.769)

Have a look what the booklet for
CIELCh(93, 5.703, 182.769) contains.

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Color

CIELCh(93, 5.500, 182.795)

Conversions

Conversions Part 1

Format	Color
Hex	DFEEDB
RGB	223, 238, 235
RGB Percent	87%, 93%, 92%
CMY	0.1248, 0.0660, 0.0778
CMYK	0.06, 0.00, 0.01, 0.07
HSL	168°, 31%, 90%
HSV	168°, 6%, 93%
XYZ	76.1238, 82.9670, 90.7243
YIQ	233.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

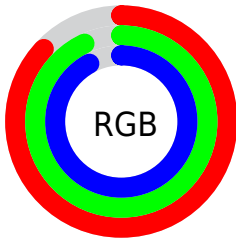
Format	Color
R_{YB}	223, 231, 238
Decimal	14675691
CIE _{Lab}	93.00, -5.49, -0.27
CIE _{LCh}	93, 5.500, 182.795
Yxy	82.9670, 0.3047, 0.3321
Android (android.graphics.Color)	4292865771 (0xFFDFEEEB)
YUV	233.1730, 0.9007, -8.9217
Hunter-Lab	91.0862, -10.2226, 4.7060

Details

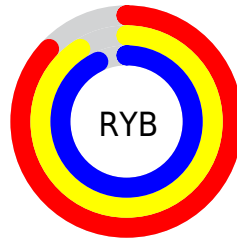
The CIELCh color **93, 5.500, 182.795** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 5.644, 3.713**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.426, 181.572** is the 20% darker color. If you saturate the color by 10%, you get **91, 14.040, 181.793**, and if you desaturate by 10%, it is **95, 3.269, 3.376**.

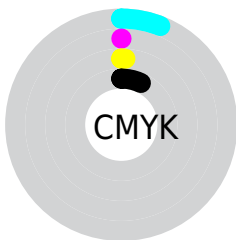
Distribution



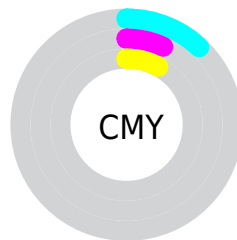
- Red (87%)
- Green (93%)
- Blue (92%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.500, 182.795 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 93, 5.500, 182.795 by changing the saturation by 10% instead.

93, 5.500, 182.795

93, 5.500, 182.795

100, 5.500,
182.795

83, 5.500, 182.795

73, 5.500, 182.795

63, 5.500, 182.795

53, 5.500, 182.795

43, 5.500, 182.795

33, 5.500, 182.795

23, 5.500, 182.795

13, 5.500, 182.795

3, 5.500, 182.795

93, 5.500, 182.795

93, 5.500, 182.795

91, 14.040,
181.793

95, 3.269, 3.376

90, 22.218,
180.806

96, 6.870, 350.672

96, 8.329, 335.876

88, 29.891,
179.764

96, 10.178,
326.013

87, 36.908,
178.649

96, 10.495,
324.777

86, 43.129,
177.437

86, 48.435,
176.107

85, 52.757,
174.634

85, 56.090,
172.996

■ 85, 58.525,
171.186

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93, 5.500, 182.795



90, 5.644, 3.713

Rectangle

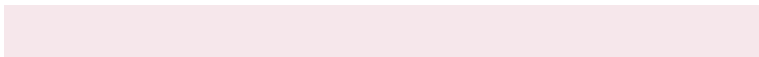
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 5.500, 182.795



93, 5.500, 232.795



93, 5.500, 2.795



93, 5.500, 52.795

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93, 5.502, 182.780



100, 1.851, 183.387



93, 8.834, 138.055



53, 1.053, 183.413



0, 0.000, 0.000



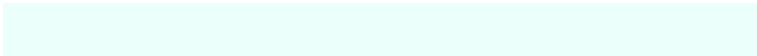
53, 0.007, 296.813

Same Dimension

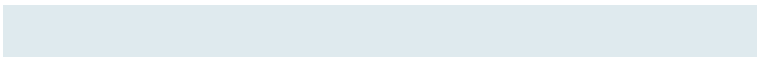
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.502, 182.780



98, 7.369, 182.601



92, 4.310, 230.042



49, 4.969, 182.456



67, 48.584, 170.834



20, 20.476, 173.744

Inverse Universe

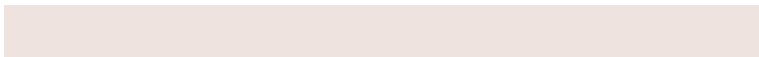
The Inverse Universe completely reimagines the original color for something new.



90, 5.644, 3.713



95, 7.610, 3.905



91, 4.457, 48.996



47, 5.160, 4.062



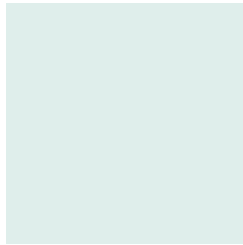
38, 72.585, 29.411



8, 29.002, 15.554

Previews

White Background



This preview shows how the CIE LCh color 93, 5.500, 182.795 looks on a white background.

Color Contrast Check

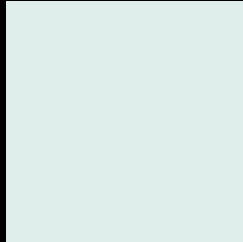
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 5.500, 182.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

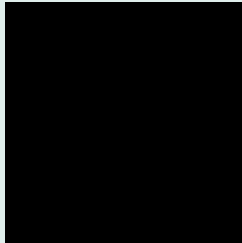
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

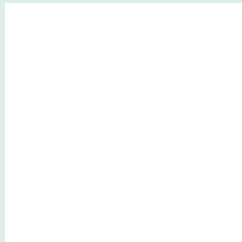
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.500, 182.795

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.500, 182.795.

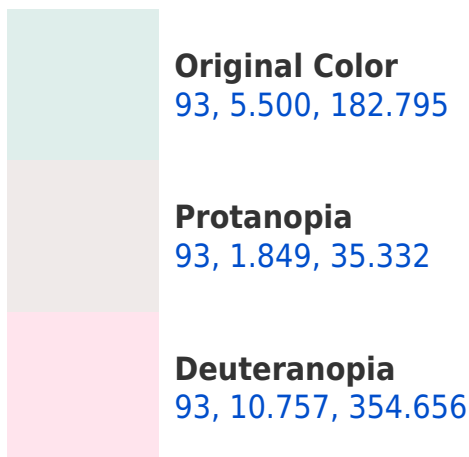


This preview shows how white text looks on a background with the CIELCh color 93, 5.500, 182.795.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

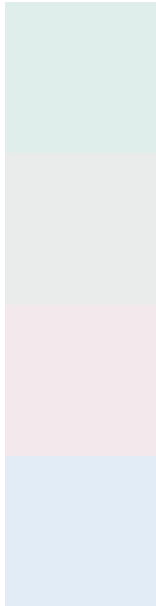
Dichromacy





Tritanopia
93, 10.213, 273.555

Trichromacy



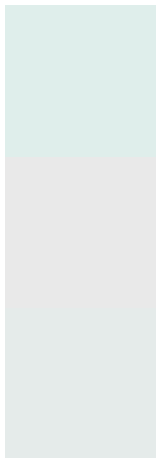
Original Color
93, 5.500, 182.795

Protanomaly
93, 1.482, 155.844

Deuteranomaly
93, 4.450, 351.999

Tritanomaly
93, 6.758, 256.645

Monochromacy



Original Color
93, 5.500, 182.795

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.183, 185.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.500, 182.795 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 238, 235)` looks like.

```
.text, #text, p{  
    color:rgb(223, 238, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 238, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 238, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.500, 182.795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 238, 235) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 238, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 238, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 238, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 238, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 238,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.500, 182.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 238, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
238, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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